User Manual for ToolTonic Image Resizer

AI-Powered File First Aid

1. Introduction

Welcome to **ToolTonic.io**, your go-to AI-powered online tool for quick and efficient image resizing. Our **Image Resizer** is designed to be **responsive, user-friendly, and optimized for both mobile and desktop users**. With **drag-and-drop functionality, real-time previews, and multiple output formats**, you can resize images effortlessly while maintaining quality.

This manual will guide you through all the features and functionalities of ToolTonic's Image Resizer, ensuring a seamless experience.

2. Getting Started

2.1 Accessing the Tool

1. Open your preferred web browser (Chrome, Firefox, Edge, Safari).
2. Visit **https://tooltonic.io/image-resize**.
3. The page will load instantly with a clean, modern interface.

2.2 Supported Browsers & Devices

- **Desktop:** Chrome, Firefox, Edge, Safari (latest versions)
- **Mobile:** Android (Chrome), iOS (Safari)

- **Tablets:** iPad, Android tablets

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3. Core Features & How to Use Them

3.1 Uploading Images

Option 1: Drag & Drop

- Simply **drag** an image file from your computer and **drop** it into the designated upload zone.
- A preview will appear instantly.

Option 2: Click to Browse

- Click the **"Upload Image"** button.
- Select an image from your device (supports JPG, PNG, WebP).

3.2 Adjusting Image Dimensions

- **Manual Input:** Enter **width** and **height** in pixels.
- **Aspect Ratio Lock:** Toggle the **lock icon** to maintain proportions.
- **Percentage Scaling:** Resize by a percentage (e.g., 50% smaller).

3.3 Selecting Output Format

- Choose from:
  - **JPEG** (Best for photos)
  - **PNG** (Best for transparency)

- o **WebP** (Best for web optimization)

3.4 Quality Control (JPEG/WebP Only)

- Use the **slider** to adjust compression (Higher = Better quality, Larger file size).

3.5 Real-Time Preview

- See **before & after** images side by side.
- Hover to zoom in for detail comparison.

3.6 Downloading the Resized Image

- Click **"Download"** to save the image.
- The file will be saved in your selected format.

4. Advanced Features

4.1 Bulk Resizing (Multiple Images)

- **Drag & drop multiple files** or select them via the file picker.
- Each image will be processed individually.

4.2 Presets for Common Sizes

- Use predefined dimensions:
  - o **Instagram Post** (1080x1080)
  - o **Facebook Cover** (820x312)
  - o **Twitter Header** (1500x500)

4.3 EXIF Data Preservation

- Camera metadata (if available) is retained in the output file.

4.4 Dark/Light Mode Toggle

- Switch between themes for better visibility (located in the top-right corner).

5. Troubleshooting & FAQs

5.1 Common Errors & Solutions

Issue	Solution
"File type not supported"	Upload only JPG, PNG, or WebP.
"Image too large"	Compress before uploading or resize in batches.
"Download not working"	Check browser permissions or try another format.

5.2 Frequently Asked Questions

Q: Is there a file size limit?

A: Yes, the current limit is **10MB per image** for optimal performance.

Q: Are my images stored on your servers?

A: **No**, all processing happens in your browser (client-side).

Q: Can I resize SVG files?

A: Currently, only **raster images (JPG, PNG, WebP)** are supported.

Q: How do I contact support?
A: Email us at **tooltonicapp@gmail.com**.

6. Performance & Optimization

6.1 Speed & Efficiency

- **Client-side processing** ensures **no server delays**.
- **Lazy loading** improves page speed.
- **Web Workers** prevent UI freezing during heavy tasks.

6.2 SEO & Traffic Generation

- **Meta tags** optimized for search engines.
- **Fast load times** improve Google rankings.
- **Mobile-friendly** design for better reach.
- **Responsive ads** adjust to screen size.

7. Technical Specifications

7.1 Tech Stack

- **Frontend:** Next.js (React), HTML5, CSS3, JavaScript
- **Libraries:** Compressor.js, Fabric.js, Dropzone.js
- **Hosting:** Vercel (Ultra-fast global CDN)

7.2 Browser APIs Used

- **Canvas API** (Image manipulation)
- **FileReader API** (Local file handling)
- **Web Workers** (Background processing)

8. Support & Feedback

We value your experience! If you encounter issues or have suggestions:

- **Email:** tooltonicapp@gmail.com

9. Conclusion

ToolTonic's **Image Resizer** is a **fast, free, and AI-enhanced** tool designed for **everyday users and professionals**. With **no installations, no watermarks, and no hidden costs**, it's the perfect solution for quick image adjustments.

Start resizing now at https://tooltonic.io/image-resize!